

Daikin Altherma 3 R MT

Floor standing air to water heat pump for heating and hot water, ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Energy efficient heating only system based on air to water heat pump technology
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



up to

Efficiency data				ELVH + ERRA	12S18E6V/9W + 08EW1	12S23E6V/9W + 08EW1	12S18E6V/9W + 10EW1	12S23E6V/9W + 10EW1	12S18E6V/9W + 12EW1	12S23E6V/9W + 12EW1
Space heating	Average climate water outlet 55 °C	General	SCOP		3,42		3,43		3,53	
			ηs (Seasonal space heating efficiency)	%	134				138	
	Seasonal space heating eff. class				A++					
	Average climate water outlet 35 °C	General	SCOP		4,81		4,84			
ηs (Seasonal space heating efficiency)			%	190		191				
Seasonal space heating eff. class				A+++						
Domestic hot water heating	General	Declared load profile			L					
		Average COP	dhwh		2,8	3,05	2,8	3,05	2,8	3,05
	Climate	ηwh (water heating efficiency)		%	120	130	120	130	120	130
		Water heating energy efficiency class				A+				

Indoor Unit				ELVH	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W
Casing	Colour	White + Black								
	Material	Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	1,655 x 595 x 634	1,855 x 595 x 634	1,655 x 595 x 634	1,855 x 595 x 634	1,655 x 595 x 634	1,855 x 595 x 634	
Weight	Unit		kg	120	129	120	129	120	129	
Tank	Water volume		l	180	230	180	230	180	230	
	Maximum water temperature		°C	70						
	Maximum water pressure		bar	10						
	Corrosion protection			Pickling						
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~ 25					
		Water side	Min.~Max.	°C	15 ~ 65					
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35					
		Water side	Min.~Max.	°C	25 ~ 62					
Sound power level	Nom.		dBA	44						
Sound pressure level	Nom.		dBA	30						

Outdoor Unit				ERRA	08EW1	10EW1	12EW1
Dimensions	Unit	HeightxWidthxDepth	mm	1,003 x 1,270 x 533			
Weight	Unit		kg	107			
Compressor	Quantity			1			
	Type			Hermetically sealed swing compressor			
Operation range	Heating	Min.~Max.	°CDB	-25 ~ 25			
	Cooling	Min.~Max.	°CDB	10 ~ 43			
	Domestic hot water	Min.~Max.	°CDB	-25 ~ 35			
Refrigerant	Type			R-32			
	GWP			675			
	Charge		kg	3,25			
	Charge		TCO _{Eq}	2,19			
	Control			Expansion valve			
LW(A) Sound power level (according to EN14825)				56			
Sound pressure level Nom. (at 1 meter)				41,1			
Power supply	Name/Phase/Frequency/Voltage		Hz/V	W1/3~/50 /400			
Current	Recommended fuses		A	16			

This product contains fluorinated greenhouse gases.